

Abstract

A ceramics sintered body improved in corrosion resistance to a molten metal and a method for producing such a ceramics sintered body. The ceramics sintered body includes boron nitride, titanium diboride, a calcium compound and titanium nitride and having a relative density of 92% or more, wherein the content of the calcium compound in terms of CaO is from 0.05 to 0.8% by weight, and a peak intensity by X-ray diffraction of the (200) plane derived from titanium nitride is from 0.06 to 0.15 relative to a peak intensity of the (002) plane of BN. Further, a method for producing a ceramics sintered body, which is applicable to the ceramics sintered body, and an exothermic body for metal vapor deposition constituted by the ceramics sintered body are also disclosed.